

CHURCH'S NOVEL PLAN

Trinity Collegiate to Combat Agnosticism in Chicago.

MONTHLY DEBATES WITH ATHEISTS

Pastor of Religious Institution Hopes to Reach Workingmen of Better Class Who Are Socialists. Tells of "At Home" to Give Correct Ideas of Society.

Atheists and agnostics, especially those among the working classes, are wanted at the new Trinity Collegiate church, which recently opened in Chicago under the direction of the Webster Improvement club, says the Chicago Tribune. They will be more welcome than believers, it being considered they are more interesting and more in need of help.

If plans outlined by the pastor prevail, "at homes" will be arranged for the benefit of unbelievers by the more well to do, in imitation of a system in successful operation by the Oxford university social settlement in London.

The Trinity Collegiate church building was bought last year by residents of the neighborhood who didn't want to see it pass into the hands of a negro congregation. It is owned by the Webster Improvement club. Dr. F. P. Duffy has been engaged as pastor.

"Chicago," said Dr. Duffy, "is becoming a city of atheists and skeptics, second only to Paris. Young men, especially those among the working classes, don't go to church either because they don't get the mental food they require or because they are not wanted by fashionable congregations."

He then outlined his religious plan as follows:

"Monthly debates with atheists. 'At homes' by Chicago and suburban women.

"Lectures on health, food, clothing and other practical subjects. "Literary and dramatic clubs, a library and gymnasium.

"A Sunday school, with courses of study in English literature, art, ecclesiastical history, history and geology.

"Sunday afternoon concerts, cantatas and oratorios, Sunday evening illustrated lectures on the Bible.

"A social settlement modeled on English lines if the preliminary work is successful.

"We expect to reach a respectable class of young workingmen," continued Dr. Duffy. "It is my idea to bring these atheists, who may possess socialist or anarchistic tendencies, into contact with people of culture and refinement."

"The hostess of an 'at home' will be expected to invite friends of her station to assist in entertaining the guests. They will be asked to furnish music and refreshments. I think by this means the distorted view of society entertained by Socialists will be corrected.

"Ours will be an aggressive work for the social betterment of men and women. Religious unbelief and social degradation will be the foes that we will especially attack. These are days when the preaching of Christ crucified is shunned and the Bible relegated to a dusty shelf. Instead, the death of a dog is a theme for a sermon, and pagan superstition is preferred to Christian dogma."

FORT HAMILTON CHANGES.

Important Military Post to Be One of the Finest in the World.

Plans for the reconstruction of Fort Hamilton, Brooklyn, on a scale which will make it one of the finest military posts in the world have been filed with the war department by General Greenough, an artillery officer who is at once an artist and an architect, says a Washington special to the New York World.

The plans call for an enlargement of the reservation from 150 to 500 acres. A great flower garden will be laid out between Marine avenue and One Hundred and Twenty-first street, covering a part of the ground now occupied by the officers' quarters. In the center of the garden will be the band stand, which will face a parade ground 800 feet wide and 1,500 feet long, extending from Ninety-fifth to One Hundred and Twenty-first street.

The officers' quarters will be built around the eastern and western sides of the parade ground. The administration building will stand at the south west corner and the post library at the southeast corner. At the south will be the barracks for the men. Away at the south and east of the defenses will be a big drill ground for the field artillery. The ordnance shops will be built east of Battery Harvey Brown and within easy reach of the other batteries. In the northeast corner will be a camping ground large enough to accommodate a regiment or more of militiamen who may be sent there for instruction.

Queer Infestation to Cystitis.

"Cycles entering the park must carry bells. Penalty \$5."

A sign bearing this peculiar wording and unusual spelling occupies a conspicuous place near the Mount Royal entrance to Druid Hill park, in Baltimore. Almost every wheelman passing the sign smiles after reading it and finds consolation in reflecting that it is the cycle and not the cyclist that is compelled to carry bells, says the Baltimore Sun.

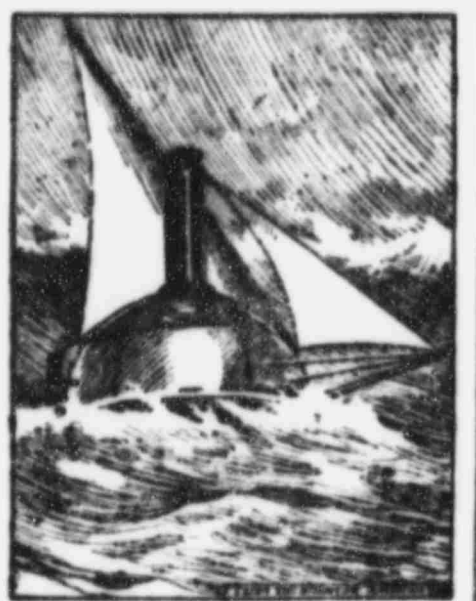
After gazing critically at the sign the other day a dyspeptic looking wheelman said to his companion: "Either I am violating the letter of the law or the law is wrongly lettered on the sign."

QUEER LIFEBOAT.

A Norwegian Invention Which Has Proved Its Efficiency.

Recent tests of a life saving "globe" invented and perfected by Captain Doenvig, a Norwegian, prove that the craft easily carries its occupants to safety in a sea that would swamp the ordinary lifeboat. The Scientific American describes it as follows:

"It is now about a year ago since the first trials were made with Captain Doenvig's new invention, the life saving globe. These were all preliminary, however, and it is the practical tests,



DOENVIG'S LIFE SAVING GLOBE.

now just finished, that beyond all doubt have established the reputation of the new invention.

"These recent trials were conducted on the coast of Jutland in very stormy weather under the supervision of Norwegian naval officers and other maritime authorities. Two life saving globes were used for the experiment. They were both set out from the Norwegian man of war Heimdal. The first one had to human beings on board, but sand balls corresponding to the weight of six men. It was launched without trouble and made a successful landing.

"This fact, ascertained by signals from shore to the Heimdal, the second globe was set out. On board this one were two officers and three sailors. This also cleared away from the ships in good shape, and a few minutes after its being dropped into the sea one of the trapezoids was opened; the men crawled out, swinging the Norwegian flag, set up sails and steered toward the breakers toward land. It made a successful trip, and half an hour later it landed. At the time it was blowing hard from the northeast, and the sea broke on four feet of water. The globe landed about fifty yards from the mainland. The men got out and waded ashore. By experts it was considered that an ordinary lifeboat would have been of no use under the circumstances.

"The globe is made of sheet iron five-sixteenths inch thick at the bottom, three-sixteenths inch at the sides and one-eighth inch at the top. It is eight feet in diameter and has a half foot high and has a flat bottom. It draws two and a half feet of water when loaded. The globe may be entered through three water tight trapezoids. Under the deck, which is located about one foot below the water line, are placed four galvanized iron tanks with capacity for holding 150 gallons of fresh water. Along the sides runs a low seat or bench, and the space underneath the same is filled with canned goods. In the center of the inner room is a funnel that can be shoved up, thus letting fresh air into the globe.

"There are three small windows in the top for the double purpose of letting in light and providing openings through which rockets can be sent up. The globe has a movable keel, which can be let down from the inside, and also a rudder that may be applied in the same manner. Some small oars are also kept inside. A cork belt runs around the globe on the outside, on which the men can stand and row. There are also an anchor, with a hundred feet of steel rope attached, and a set of small sails, the funnel serving as mast.

"There is no need for launching the globe. When the ship sinks it will simply float. Its weight is about two tons, or the same as that of a large ordinary lifeboat. It costs about \$500 and has accommodation for twenty men. It requires less deck space than an ordinary lifeboat."

A Mineral From Ceylon.

Specimens of a remarkable mineral newly discovered in Ceylon have been sent to London for analysis. The hope that this substance might prove to be a source of wealth in containing large quantities of thorium, of which incandescent gas mantles are made, appears to have been ill founded; but, on the other hand, there seems good reason to believe that its potentialities in other directions are much greater than any one could have guessed. It has already yielded signs of containing two elements hitherto unknown to chemists, and it may well turn out to be the most precious product of "Ceylon's Isle."

New Welding Process.

An invention has recently been shown in Birmingham, England, for the seamless welding of iron, steel and other metals by a new process. A flame is formed by burning acetylene with oxygen, and it is directed in the usual way by means of a blowpipe. It is said that the hardest metals may be welded in this way as readily as lead. Notwithstanding the intense heat of the flame, the process does not make necessary the protection of the eyes by dark glasses, for the mixture of oxygen with the acetylene removes the glare and leaves a small flame of a greenish blue color.

ANIMAL LIFE CREATOR.

Dr. Charles W. Littlefield Tells of Experiments With Chemicals.

Claiming to create animal life from chemicals, Dr. Charles W. Littlefield is conducting some interesting experiments in Anderson, Ind., says a dispatch from that place. He has been a persistent student of science for years.

"There have been millions of these insects generated or produced from a drop of inanimate matter," said Dr. Littlefield. "Each one has a distinct individuality and is not in any way dependent on the others for its power of locomotion. You can see them grow seemingly from nothing and fly into the air, where they live from a few minutes to several hours.

"One colony that was created the other day lived all night and was as lively as ever the next morning. They do not come from pre-existent forms of life or from eggs of any kind. They have no ancestors other than inorganic matter.

"These facts led me to believe that I had discovered the life principle. Now, by infusing this same principle into a drop of clear, transparent, waxy substance living forms in the shape of little gnats or winged insects spring from it as if by magic. What they are I do not know, nor do I know into what they are likely to develop. I expect to make cultures of these to determine whether or not they will propagate, and I will also try to increase their size.

"Yes; I have a theory in regard to their production. The theory upon which I have worked in all of my experiments is that some form of motion, generally spoken of as vibrations, underlies every known form of energy. Life is a manifestation of energy. These vibrations known manifest themselves according to the media through which they pass in addressing themselves to our physical senses. Light, heat, electricity and sound are all produced by vibrations, but we would never know them as such if we did not possess special organs built up in a manner suitable to recognize them.

"Life also results from the action of certain vibrations acting on definite compounds of matter. Viewing life from this standpoint, it may be compared to a musical scale. After we strike the key of life in creation's harp the higher the vibrations the higher the form of life.

"This I believe to be the cause of the various forms of life that exist on the earth. When we have learned to control the vibratory movements at will we can produce any form of life we wish. These are deductions that can be legitimately drawn from success at ready achieving. At this time I wish to say nothing more than that I am sure that I have produced living forms without the aid of antecedent life."

PANAMA CANAL POLICE.

Two Hundred Patrolmen in Khaki Uniforms to Be Employed.

The Panama canal commission has perfected plans for the adequate policing of the canal strip, says a Washington special to the New York Times. The system has been worked out by General Davis, the acting governor of the canal zone, with the aid of Captain George R. Shanton, who has been appointed chief of police. The aim is to get the whole police system in thorough working order before work on the canal is resumed on a large scale. There will be 200 officers to begin with.

The canal police will be required to wear a khaki uniform like that worn by the soldiers in the regular army. The uniform will include a jacket, trousers, leggings, helmet of khaki and in form like that of New York policemen and russet shoes. The police will be expected to patrol the canal strip from one ocean to the other, but none of them will be mounted owing to the lack of good roads. All the officers of the force will be from the United States, but a considerable part of the privates will be from the native population.

No gambling will be allowed on the strip.

The czar's lion.

At the entrance to the Kremlin at Moscow stands a little chapel erected by the czar Alexis for an lion of the Virgin, which is the most venerated and renowned in all Russia. The picture, as described by the bystander, is ornamented with a crown of jewels and has a veil of pearls and a large gem on the brow and on the shoulder. On the right cheek is a scratch, said to have been perpetrated by an infidel who on seeing blood flow from the wound was converted. The chapel is always surrounded by worshippers, and the lion is frequently sent for by private individuals on occasions of sorrow or rejoicing, says the London Globe. The czar recently journeyed to Moscow on purpose to pray to the sacred lion for the success of his arms in the far east.

Battery of Catapults.

Commander Schraun, who has restored the Roman catapults discovered some time ago near Metz, Germany, has received orders from Emperor Wilhelm to start target maneuvers with these ancient war instruments near Santhourz, says the New York World. The emperor will attend the maneuvers, which will include a reproduction of the siege of Tiberias according to Polybius, who relates that Philip of Macedon besieged the place with 150 catapults.

Korea's Night Name.

The true name of Korea is "Chosen," meaning Land of the Morning Sun. It is by this name that the country is designated in diplomatic papers at the state department at Washington.

NEW WAY TO TELL TIME.

A Clock Which Gives the Hour and Minute in Figures.

Samuel Powers Thrasher of New Haven, Conn., has an invention that bids fair to make Yankee clockmakers green with envy. Mr. Thrasher proposes to reconstruct the familiar face with which Father Time has been wont to remind us of the passing hours and to do away entirely with the quaint old dial with its Roman numerals in use from the middle ages and like-wise take away the old clock's hands.

Instead of pointing the way and letting us figure out the time for our-



A CLOCK WITHOUT HANDS.

selves Mr. Thrasher's new timepiece will tell us in plain figures at a glance just what time it is. It will be no more trouble to tell the hour, the minute and the second than to read the A B C's.

Three sets of figures, one each for the hours, the tens and the units of minutes, revolving on separate rolls with measured accuracy and appearing in a given space at the proper time, give us the hours and minutes on this wonderful clock. A pointer constantly traveling in a half graduated circle tells the exact seconds. The pointer and the rolls interlock, and the whole is impelled by a device which is simpler than the simplest clock mechanism ever made, which seems impossible to get out of order and never needs winding.

AN EFFECTIVE INSECTICIDE.

Tobacco Extract Successfully Used on Plant Parasites.

The manufacture of tobacco in all forms is in Austria a government monopoly. For some time, chiefly from Virginia and Kentucky tobacco and presumably from waste, says S. C. McFarland, United States consul at Reichenberg, Austria, an extract of about 40 per cent solidity and 9 per cent nicotine value has had a restricted sale among agriculturists as an insect exterminator. It is retained in sealed tin cans at about 20 cents per pound, and there is now said to be an export as well as a constantly growing local demand. It is diluted according to proposed use and is immediately fatal to insect life, but, intelligently used, is said to be absolutely harmless to plant life.

For plant life a solution of only 1 to 10 per cent extract is used, for mites and naked larvae, 2 per cent; for hard caterpillars and beetles, 3 per cent. The solution is sprinkled or sprayed in the ordinary manner. Among the large number of insects for the extermination of which the use of the extract in the past few years has proved completely successful are mentioned the so-called "louse fly" on strawberries, roses, blackberries, currants, etc.; spring lice or plant lice; a pest on plant wasps, caterpillars, etc.; crane-worms, the larvae of various beetles, earth fleas and mill spiders; rose mites and sawfly and bark beetles. The extract is also used with great success for animal parasites, such as sheep lice.

MUSIC CURE FOR INSANITY.

Chicago Physician Tells How It Relieves Nervous Tension.

The value of music as an aid in the alleviation and cure of the insane has been pointed out by Dr. V. H. Podstata, superintendent of the Dunning institutions in Chicago.

"The salutary effects of music on the disordered mind are many and profound," said Dr. Podstata in a recent address. "The first effect of pleasing, harmonious sounds is a relaxation of special nervous tension. The harmonious sound wave reduces the horrible inhibition and the mental agony of the melancholy patient. It liberates the pent up energy and diverts the association of ideas.

"In the insane the constant flight of ideas and motor restlessness are moderated and often checked.

"In the purely delirious the attention is diverted so that at least temporary stay is achieved in the abnormal mental aberration.

"In all cases the harmonious impressions cause a relaxation of blood. The congestion is relieved, also the anæmia, and as a result not only the brain, but all the organs of the body, are enabled to return to the normal activity. As a further result reconstruction may take place and the patient be given better chance for improvement."

Tree Planting by Railroads.

Among the large railroad systems to recognize the importance of tree planting in order to guarantee a supply of timber for the future is the Illinois Central. At a point near Duquoin, Ill., 200,000 catalpa trees were planted three years ago. These trees are thriving, and in a few years, when the thinning out process begins, many of the trees in the Illinois Central railroad will be cut from this forest created in the heart of the Illinois prairie. The same road is planting similar forests in Mississippi and contemplating the establishment of others.

Missing Word Contest.

101 PRIZES Offered for the correct solution.

Tropical Manufacturing Co., manufacturers of the great health Drink METTO will pay all prizes. The contest open to all. It's FREE to you.

FIRST PRIZE.

To the first one sending in a correct answer we will give a beautiful life size picture in gilt frame entitled "purity."

This picture is symbolic of METTO the great health drink which benefits all and contains no dope or harmful drugs.

To the next 5, \$1.00 each
 " " " 5, 1 quart Netto "
 " " " 20, 1-2 pint Netto "
 " " " 70, 1 Netto Ticket "

PEOPLE	KNOW A GOOD	WHEN THEY	IT ARE
USERS OF	IN	GOOD	SUMMER
Cut out this Coupon, fill in the blank spaces, one word to each blank space. The whole to make an appropriate sentence advertising Metto and mail to:			
TROPICAL MFG. CO., 41 West Adams Street, Jacksonville, Florida.		NAME _____ P.O. _____ City _____ State _____	

Remember the first 101 correct answers received get the prize. Send in your answers at once to the

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Why Not Drink PURE WATER?

The Orange City Mineral Springs water is unsurpassed in purity, being absolutely free from organic matter, and possesses mineral properties especially beneficial in cases of kidney and liver troubles.

This water has received flattering endorsement from such men as Erasmus G. Smith, professor of chemistry, Beloit College, Beloit, Wisconsin, one of the best chemists in this country; J. B. Ogder, Director, New York, and others. Dr. Boynton, of Cleveland, Ohio, writes: "I am using the Orange City Mineral Water and recommend it to others." It needs only a trial to convince any one that it has no superior as a table water.

Many people have visited Orange City by advice of their physicians for the purpose of testing the Mineral Spring Water, deriving great benefit from its use. The water is drawn from a subterranean spring 117 feet below the surface, is very palatable and altogether the best to be found in the South.

The Orange City Mineral Spring Water received the only diploma at the State Fair at Jacksonville in competition with many other displays. It is now being bottled and sent out by the Orange City Mineral Spring Co. It is put up in attractive style in cases of 12 half-gallon bottles. For further information, address

ORANGE CITY MINERAL SPRING CO.,
C. A. BULLEN, Manager. Orange City, Fla.

ALTON B. PARKER says:

"I Read the NEW YORK WORLD Every Day."

THE WORLD Elected Cleveland.

"It may be said without reservation that if the Democratic party in my first campaign had lacked the forceful and potent advocacy of Democratic principles at that time by the NEW YORK WORLD the result might have been reversed."—Grover Cleveland's Letter to The World, May 10, 1903.

Bryan on THE WORLD.

"THE WORLD never during the last twenty years considered itself a party paper. It proposed to spread truly Democratic principles and truly Democratic ideas, and it has done so, and will do so, with entire independence of bosses, machines and platforms, following only the dictates of its conscience."—Quoted, with approval, by William J. Bryan in the Commonwealth, July 10, 1903.

THE WORLD IN THIS PRESIDENTIAL CAMPAIGN.

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THE WORLD as the "Chief Champion in America of Democratic Ideas" will be the most interesting newspaper in the country in this Presidential campaign.

It already has a much larger daily circulation than any other morning newspaper in America.

We are beginning a campaign that promises to be memorable in history. By a single act of inspired courage the Democratic leader has restored his party to its old place as the instrument of enlightened reform, sane and practical liberalism, clear-headed progressiveness and constitutional government.

While the question of the standard of value remained an issue all other topics were submerged and the Democracy could not play its historical part. In the absence of that restraining force the Republican party has rioted in imperialism, centralization, militarism, extravagance and privileged injustice. Now the time has come when it can be called to account. Once more a party wisely, bravely and honestly led can raise with hopefulness Tilden's old war cry, "Turn the rascals out!"

The Democracy is ready to correct the abuses of a monopoly-breeding tariff, to promote trade with our neighbors in Canada, to cut short the insane rivalry with the military powers of Europe in armaments made needless by three thousand miles of ocean, to substitute the reign of law for the personal caprice of an arbitrary ruler, to restore economy and integrity in government, to bring arrogant combinations of capital under legal restraint, and to discourage the permanent acclimatization of the American flag in any country in which the Declaration of Independence is a seditious document. To the attainment of these ends The World pledges all its energies.

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